

20030717.qrp v02_n984.qrl.20030717

Date: Thu, 17 Jul 2003 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2984

QRP-L Digest 2984

Topics covered in this issue include:

- 1) [154388] RE: motorcycle mobile
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 2) [154389] Tuthill '03-Coming soon!
by "Bob Hightower" <nk7m@extremezone.com>
- 3) [154390] Re: FS: Tokyo Hy-Power HT-750
by Radioham <radioham@comcast.net>
- 4) [154391] Class-E Transmitter and Case
by w5jh@swlink.net
- 5) [154392] Re: Choke Balun
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 6) [154393] TAC 2003 Final Results
by "Ron Polityka" <wb3aal@verizon.net>
- 7) [154394] Museum Ship Weekend onboard USCGC Taney
by "Ron Polityka" <wb3aal@verizon.net>
- 8) [154395] Tokyo Hy-Power HT-750 -- setting the record straight
by K7VO <k7vo@earthlink.net>
- 9) [154396] Re: Choke Balun
by "George, W5YR" <w5yr@att.net>
- 10) [154397] Re: 'NUTHER ANT IDEA, NEED HEP
by W2EB <w2eb@twcnny.rr.com>
- 11) [154398] QRO Contest and QRP
by jwatkins@birch.net
- 12) [154399] NEQRP CW Net, Thursday, 17 July 2003, 08:30 PM EDT, 3.566 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 13) [154400] Moxon Rectangle Antenna
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 14) [154401] FS: Yaesu VX-1R
by "Dan Reynolds" <bcdlr@insightbb.com>
- 15) [154402] Re: Class-E Transmitter and Case
by "Lee Mairs" <lmairs@direcway.com>
- 16) [154403] DDS Kit announcement
by "Jay Bromley" <jayw5jay@cox-internet.com>
- 17) [154404] Re: DDS Kit announcement
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 18) [154405] Flight of the Bumblebees - July 27
by "John Huffman" <hjohnc@core.com>
- 19) [154406] The Iowa QRP Club CW Net

by mark.milburn@juno.com

20) [154407] Re: IC-703 final amp failure advisory...NOTE:...hearsay only at this point...
by Alex <kr1st@amsat.org>

21) [154408] FS : DSP starter kit tms320c5x
by "Maxime Prati" <ve2hac@hotmail.com>

22) [154409] Re: DigiPan with PSK63
by Alex <kr1st@amsat.org>

23) [154410] TenTec Omni 546, series C, HF xcvr, and accessories FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>

24) [154411] FS: Small Wonder Labs PSK-20
by "Jim Kelley" <nw611j@hotmail.com>

25) [154412] Re: Moxon Rectangle Antenna
by Lloyd Lachow <llachow@yahoo.com>

26) [154413] Parts doc site
by "Paul Ermisch" <paul@ermisch.com>

27) [154414] thanks
by hamjoel@juno.com

28) [154415] OKC Hamfest 'HAM HOLIDAY'
by "Brockwell, Stephen E. CECOM SEC FSSE GPI"
<steve.brockwell@us.army.mil>

29) [154416] New Ham
by Larry Cahoon <lejek@erols.com>

30) [154417] Polycon variable capacitor source?
by "Lee Mairs" <lmairs@direcway.com>

31) [154418] 817 for sale
by w9ya <w9ya@arrl.net>

32) [154419] FOX preview
by Lloyd Lachow <llachow@yahoo.com>

33) [154420] Re: Little Kids Want to Build Too - An idea
by Alex <kr1st@amsat.org>

34) [154421] Speedex straight key FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>

35) [154422] Computer Headset Interface for Icom IC-718
by Alex <kr1st@amsat.org>

36) [154423] Re: DDS Kit announcement
by "Jay Bromley" <jayw5jay@cox-internet.com>

37) [154424] Re: New Ham
by "John" <jdorson@worldshare.net>

38) [154425] RE: Class-E Transmitter and Case
by "Bob Hightower" <nk7m@extremezone.com>

39) [154426] Re: Polycon variable capacitor source?
by Chuck Carpenter <w5usj@9plus.net>

40) [154427] Re: QRO Contest and QRP
by "gergea" <w4gfa@bellsouth.net>

41) [154428] RE: Correction
by "Burl A. Keeton" <n5duq@juno.com>

42) [154429] Blackfin DSP kit

by "Leon Heller" <leon_heller@hotmail.com>
43) [154430] lossy insulation?
by "Noyce, Bill" <william.noyce@hp.com>
44) [154431] weird meesage sent to me....(Good Day)
by "KD7SNX Rob. C" <kd7snx@earthlink.net>
45) [154432] "Sniffer" mods
by "Bill Jones" <kd7s@psnw.com>

Date: Wed, 16 Jul 2003 15:42:56 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [154388] RE: motorcycle mobile
Message-ID: <08D18BEFE0F59E4EB2BB78107B5A5271017377F7@blaze.bcs.gov.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Where do you find used police specials?

Doug

Date: Wed, 16 Jul 2003 15:49:06 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-1@lehigh.edu>
Cc: <john.stevens@honeywell.com>
Subject: [154389] Tuthill '03-Coming soon!
Message-ID: <001401c34bec\$7795d8e0\$5f4998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

It's getting very near to Tuthill '03, held on July 25, 26 and 27, at the Fort Tuthill Fairgrounds, just South of Flagstaff, AZ. 7000' in elevation, the site is a welcome relief from the desat/lowlands heat, and is the largest Hamfest in Arizona as well as the locale for the Arizona State Convention. Not to mention the QRP gathering :^).

We have a great lineup of speakers, and have managed to get Jim Duffey KK6MC/5, or Dr Megacycle, to give us a bio:

"Hi, my name is James Duffey (Hi, James), and I hold amateur radio license KK6MC. My alter ego is Dr. Megacycle. Some people ask me how I got the moniker "Dr. Megacycle. Before 1967, frequency was measured in

cycles per second, not Hertz, a million cycles per second was a Megacycle, abbreviated Mc. My call ends in MC or MegaCycle, and I have a PhD in Solid State Physics. Presto! Dr. Megacycle is born. I was first licensed in 1965 at age 15 as WN0MWN and upgraded to General a year later as WA0MWN. I held the call N7ATB when I was at the University of Utah in 1979. I liked that call, but evidently I checked the wrong box when it came time to renew that call and the FCC gave me a new one. It doesn't fit in the 5 call area now that I live in New Mexico, so I have been thinking of getting a vanity call."

Dr. Megacycle is one of the most helpful and respected resources on many subjects that are discussed on the QRP-L mailing list. He is much sought after around the country as a speaker for both his technical knowledge and humor. Dr. Megacycle will be talking about a favorite subject for many, SWR, and will be joined by:

Dr. Bob Armstrong (N7XJ) (ARS Sojourner Contributor) with his Wilderness Backpacking and QRP experiences, Ron Sparks (AG5RS) talking about getting started in Antenna Modeling and then ANOTHER session on modeling that Stealth Antenna so you can operate effectively right under the nose of that homeowner's association, AND our own Dan Tayloe (N7VE) gives you all the technical scoop on the new, Az ScQRPion Class E transmitter kit being released for sale at the convention.

A tentative schedule for the speakers is:

Dr. Bob Armstrong	--	Backpacking and QRP	9:30am
Ron Sparks	--	Getting Started in Antenna Modeling	10:30am - 11:30am
Ron Sparks	--	Modeling Stealth Antennas	1:00pm
Dr. Megacycle	--	SWR -- Why Do We Care	2:00pm
Dan Tayloe	--	Class E Transmitters	3:00pm

Twenty lucky souls, who agree to build it at the convention, will receive one FREE (see website for details on how to get in on this)!! All building and testing equipment will be provided, along with expert troubleshooting assistance from the designers (W5JH and N7VE) at building sessions on both Friday and Saturday morning!!

This little jewel has lots of extras not ordinarily seen in a simple transmitter kit! In addition to the VX0 exciter stage and that high efficiency Class E final amp on your choice of 40m, 30m, or 20m, it features completely electronic antenna switching and external receiver muting! Hitch it up to your favorite standalone receiver! This one just begs to be modified. VFO, extended range VX0, and more POWER (won't be QRP anymore) are just a few things we know about. All this

for only \$20 delivered to your house! Pictures are available here:=20
<http://www.swlink.net/~w5jh/azsx303e.htm>.

As you can see, we again have a first class line up of subjects and=20
speakers for the QRP part of the Arizona State ARRL Convention at Ft.=20
Tuthill!! So far, our luck appears to be holding for good weather=20
conditions and NO nearby wildfires to smoke out the festivities! =20
Music. Mandolins, guitars, and whatever else you can play. Reserved=20
camping area! Pancake breakfasts Saturday and Sunday mornings! Friday
evening=20
gatherings at a local restaurant and brewery are known to occur! QRP=20
cookout on Saturday night (bring your own meat, everything else is=20
furnished)! Prizes!! Zany QRPer's and a few other folks! Great way=20
to spend a weekend in the cool mountains of Arizona!! Y'all come! =20
You really shouldn't miss this one!

Web sites. We got some. Go here for more information:
<<http://www.extremezone.com/~nk7m/tut03.htm>>.
See you there!!

Date: Wed, 16 Jul 2003 18:54:45 -0400
From: Radioham <radioham@comcast.net>
To: Caitlyn Martin <caitlynmaire@earthlink.net>
Cc: grp-1@lehigh.edu
Subject: [154390] Re: FS: Tokyo Hy-Power HT-750
Message-ID: <5.1.0.14.0.20030716183810.00baffe8@mail.comcast.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Not to quibble Caity, but I have the receipt from THP in Japan - I paid
\$120 for the antenna set, including shipping, from Japan about 18 months
ago. They were very nice and sent them before they received my
international money order. A real pleasure to deal with.

If there was a run in 2002, I never heard about it, they never informed me
and you don't mention it on your webpage, which I did try to reference, but
it's down. Since they don't sell or advertise here, and I don't maintain a
continuing dialogue with them, there is no way to know this
information. In fact, one of the other pages, which has less info than
yours - <http://www.rigpix.com/tokyohypower/ht750.htm>, clearly states
production dates of 1992 to 1999. Don't you believe everything you read on
the web :-)??

Again, I did say it depends on the price of the yen - in the late 1990s,
\$600 was the yen/dollar equivalent for the rig - I know because I got a

price quote from them via e-mail, but chose to get one used instead in the US and only pick up some accessories from Japan.

The funny thing is, current price is irrelevant when you can't get an item because it's out of production. There is no current price - only past prices that vary fairly widely by year and exchange rate.

So, essentially everything I said is factual for the frame of reference I placed it in. You must be a consultant - you offer information that's interesting, but totally irrelevant to the matter at hand :-).

And please, let's drop it with this exchange. The rig is sold and the matter is closed.

Hope you had a good move to 7 land.

72/73,

Steve, N4EUK

At 11:35 PM 7/15/2003 -0700, you wrote:

>On Tue, 15 Jul 2003 18:29:33 -0400

>Radioham <radioham@comcast.net> wrote:

>

>Some seriously incorrect information here:

>

> > This is fairly rare rig as THP ceased production in the late 1990s

>

>Not so. There was a production run in the spring of 2002, which sold out fairly quickly. There should be another run later this year.

>

> > The new price for one when they stopped making

> > them was \$600

>

>\$450 in 2002.

>

> > for the rig plus \$120 for the antenna set

>

>About \$80 in 2002.

>

>The above is not a comment on Steve's price. It still comes up to over \$600 plus shipping from Japan new, and at the moment you can't get them new, I just wanted to make sure the information on the list was factual.

>

>72/73,

>Caity

>K7V0

Date: Wed, 16 Jul 2003 16:05:06 -0700
From: w5jh@swlink.net
To: qrp-l@lehigh.edu
Subject: [154391] Class-E Transmitter and Case
Message-ID: <200307162305.h6GN56n00904@newbambam.interwrx.com>

Hello All,

As Bob Hightower, NK7M, announced earlier, the Arizona ScQRPions have a new Class-E transmitter kit. This kit is a high efficiency, 3-4 watt, VXO controlled transmitter with QSK and a mute switch that can be built for either 40, 30, or 20 meters (you specify which band you want when ordering). Each band uses the same board layout and the majority of the parts are the same. The design is universal with the schematic being the same for each band, only a few parts change. This makes it easy to build and trouble shoot. In comparing two transmitters side by side, you cannot tell which band they are built for until you look at the crystal! The kit is supplied with an etched PCB, all board parts, and instructions. You provide a case, a knob, a DPDT switch and connectors. BTW, there is a separate case/knob/switch/connector kit available if you don't have or prefer not to purchase these item separately. Colorful front and rear panel overlays are also provided with the ca!

se kit. A completed transmitter and optional case kit can be seen at <<http://www.swlink.net/~w5jh/azsx303e.htm>>. If you have been wanting to experiment with Class-E transmitters, this kit makes a very nice platform for doing just that. The kit is easy to build and takes about 3-4 hours of FUN time. This transmitter makes an ideal companion to your new SW receiver or old tube receiver (Hammarlunds, Halicrafters, RME, etc.). The kits will start shipping the week of July 27, just after Ft Tuthill. The transmitter kit sells for \$20 (USA shipping included), Canadians please add \$2 for the extra shipping. The Case kit is the exact same price. The transmitters are available from:

Bob Hightower - NK7M
1905 Pennington Drive
Chandler, AZ 85224
nk7m@extremezone.net

Please specify which band (40-30-20 meters) you want.

The case kit can be ordered from me:

Jerry Haigwood - W5JH
6926 W Charter Oak Rd
Peoria, AZ 85381
w5jh@arrl.net

All the profit from the sale of these kits go toward sponsoring the QRP gathering at Ft Tuthill each year.

Jerry W5JH

Date: Wed, 16 Jul 2003 18:55:17 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <cx8at@adinet.com.uy>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154392] Re: Choke Balun
Message-ID: <008001c34c06\$78ff0700\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Let me take a shot since I haven't seen any experts weigh in ...

If it's like an FT-140-77, it would have an AL value of 2250 mH per 1000 turns.

I don't know the rules of thumb for choking impedance, so let's just guess that 500 ohms on 80 meters would do you ...

OK, four (4) turns would get you 36 uH and 836 ohms at 3.6 MHz. That oughta be plenty. If it looks sparse, add some more turns.

BTW, by my way of thinking, you'd treat the bifilar winding just like a single wire when figuring common mode impedance / inductance.

I'm accustomed to seeing these choke baluns made with a bunch of beads on a length of coax --- a single turn choke, essentially. But for low power, bifilar turns on a donut ought to be OK. Maybe even for moderate power, for that matter.

I built the one on W5DXP's page:
<<http://www.qsl.net/w5dxd/notuner.htm>>

72--Nick, WA5BDU

----- Original Message -----
From: "AL" <cx8at@adinet.com.uy>

> I need to wind a Current Balun for my 20-40m Trap Inverted Vee with
> capacity Hats at its ends (reducing its length due to available space).I
> will be using a Ferrite core similar in dimensions to the FT-140, the
> material is called IP6, Al=2790nH (nanoH) per turn, u(initial
> perm.)=2000 (like 72 or 77 material)
> I want to know the ideal number of bifilar turns (using this
> core!!)(1.5mm diam enamelled wire) for use it from 80m to 20m.
> Any Idea?
> Appreciate help
> Al, CX8AT/qrp
> PD. , I've already used a Voltage Balun with quite satisfactory results
> but SWR remains a little high in 40m (1:1.8) , Now is time to try a
> Curret Balun

Date: Wed, 16 Jul 2003 20:29:53 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [154393] TAC 2003 Final Results
Message-ID: <00f901c34bfa\$8b636500\$0200a8c0@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I have all the final scores tally and the results are complete. There were a few surprises.

Please check out www.n3epa.org and click on TAC Contest for the results.

I have a few questions, we are tailoring the contest to make it more competitive. Let me know what you think if you like working this type of Sprint Contest.

#1 - Eliminating the 500 bonus points for contacting N3EPA.

#2 - Giving the QRPP an extra multiplier over QRP.

This year we plan on giving out a certificate to the high score for each state and country.

Plaques and Certificates will be ordered and shipped within the next 2 months.

Thanks for your support and see you down the log.

72 & Good DX
Ron de N3EPA
El Presidente'
n3epa@verizon.net
www.n3epa.org

Date: Wed, 16 Jul 2003 20:35:49 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [154394] Museum Ship Weekend onboard USCGC Taney
Message-ID: <011901c34bfb\$5f4ea550\$0200a8c0@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Look for the call WB3AAL on board the USCGC Taney is weekend during the Museum Ship Weekend. Ron, Ed and Len will be operating on board the Coast Guard Cutter Taney in Baltimore Harbor, MD.

Check out www.n3epa.org and click on Special Events for more details.

72 & Good DX
Ron de N3EPA
El Presidente'
n3epa@verizon.net
www.n3epa.org

Date: Wed, 16 Jul 2003 18:07:51 -0700
From: K7VO <k7vo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [154395] Tokyo Hy-Power HT-750 -- setting the record straight
Message-ID: <20030716180751.5f767af4.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Wed, 16 Jul 2003 18:54:45 -0400
Radioham <radioham@comcast.net> wrote:

> If there was a run in 2002, I never heard about it, they never
> informed me and you don't mention it on your webpage, which I did try
> to reference, but it's down.

Actually, it's up again. I still can't FTP to it to update it (like
correcting my callsign) but it is up again. To quote from
<http://caitlyn.port5.com/ku4qd/thp>

"A limited production run in 2002 completely sold out. Tokyo Hy Power
is considering another run in 2003 if there is sufficient demand. This
fantastic QRP handheld retails for about US \$470."

My site has said that since at least last fall. Please do not try to
tell me what is on my site. If there is anything I know well it is my
own writing.

The HT-750 is still officially in the THP line. Set your browser to
Japanese (Shift-JIS) encoding and take a look at:
http://www.thp.co.jp/amateur/idx_xcv.htm

> Since they don't sell or advertise here, and I don't maintain a
> continuing dialogue with them, there is no way to know this
> information.

The best way to do so is to either check the official THP website
regularly or else join the Tokyo Hy-Power reflector on Yahoo! Groups.

> In fact, one of the other pages, which has less info than
> yours - <http://www.rigpix.com/tokyohypower/ht750.htm>, clearly states
> production dates of 1992 to 1999.

Yep. Janne got it wrong. When he starts working on the site again I'll
send him an update. Considering the volume of very good info on his
site I think I can forgive one tiny mistake.

>
> Again, I did say it depends on the price of the yen - in the late
> 1990s, \$600 was the yen/dollar equivalent for the rig

That, and a price decrease after the FT-817 came out.

>
> The funny thing is, current price is irrelevant when you can't get an
> item because it's out of production.

For the moment. The HX-240 2m -> HF transverter is back, and last I

heard the only thing holding up the HT-750 was parts procurement. If that's been solved (and I should check with THP) it should be available very shortly.

> You must be a consultant - you offer information that's
> interesting, but totally irrelevant to the matter at hand :-).

Not so. You don't need to insult me. The fact is, someone has to choose between paying \$475 for yours and getting a complete station now, or waiting a few months and getting a new one for perhaps \$150 more. That is a reasonable set of choices.

>

> And please, let's drop it with this exchange. The rig is sold and the

>

> matter is closed.

Considering the insults and misinformation about my website I didn't feel comfortable doing that. I'm glad you sold the rig. I did not try to damage your sale. If I had wanted to do that I could have quoted what the last five went for on eBay.

72/73,
Caity
K7VO

Date: Wed, 16 Jul 2003 20:07:57 -0500
From: "George, W5YR" <w5yr@att.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154396] Re: Choke Balun
Message-ID: <00a101c34bff\$de0e7920\$0401a8c0@PS>
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Cores have a major advantage over beads in that the effect of the number of turns is multiplicative while the effect of the number of beads is additive. To get more choking with beads, it takes a lot more beads. To get more choking with a core, it just takes a few more turns.

Some of us use a little QRP 1:1 current balun made from a single bead about 5/8" in diameter with a hole about 3/8" which is just large enough to hold 3 turns of RG-174. This provides as good choking performance as a balun made with 5 large beads on coax.

Jerry Seveck, W2FMI, describes baluns for copious kilowatts made with bifilar windings . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, July 16, 2003 8:55 PM

Subject: Re: Choke Balun

> Let me take a shot since I haven't seen any experts weigh in ...

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> I don't know the rules of thumb for choking impedance, so let's just guess that 500 ohms on 80 meters would do you ...

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> OK, four (4) turns would get you 36 uH and 836 ohms at 3.6 MHz. That oughta

> be plenty. If it looks sparse, add some more turns.

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> BTW, by my way of thinking, you'd treat the bifilar winding just like a single wire when figuring common mode impedance / inductance.

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> I'm accustomed to seeing these choke baluns made with a bunch of beads on a

> length of coax --- a single turn choke, essentially. But for low power,

> bifilar turns on a donut ought to be OK. Maybe even for moderate power, for

> that matter.

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> I built the one on W5DXP's page:

> <<http://www.qsl.net/w5dxdp/notuner.htm>>

>

> 72--Nick, WA5BDU

>

> ----- Original Message -----

> From: "AL" <cx8at@adinet.com.uy>
>
>
> > I need to wind a Current Balun for my 20-40m Trap Inverted Vee with
> > capacity Hats at its ends (reducing its length due to available space).I
> > will be using a Ferrite core similar in dimensions to the FT-140, the
> > material is called IP6, $\mu=2790$ nH (nanoH) per turn, μ (initial
> > perm.)=2000 (like 72 or 77 material)
> > I want to know the ideal number of bifilar turns (using this
> > core!!)(1.5mm diam enamelled wire) for use it from 80m to 20m.
> > Any Idea?
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> > PD. , I've already used a Voltage Balun with quite satisfactory results
> > but SWR remains a little high in 40m (1:1.8) , Now is time to try a
> > Current Balun
>
>

Date: Wed, 16 Jul 2003 21:19:20 -0500
From: W2EB <w2eb@twcnny.rr.com>
To: hamjoel@juno.com, qrp-1@lehigh.edu
Subject: [154397] Re: 'NUTHER ANT IDEA, NEED HEP
Message-ID: <3F1607A8.4060003@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Joel,

If I read your question correctly, you'll find the program at this
link to be VERY useful:

<http://www.qsl.net/ac6la/moxgen.html>

It's a program to generate the dimensions of a Moxon rectangle.

Hope it helps!

Bill
W2EB

hamjoel@juno.com wrote:

> If I can find the formula to make the antenna with the flat or non folded

elemets the same size ... then I can use the elements themselves for support...

--

"Thomas Hodgkin died of natural causes"

Date: Wed, 16 Jul 2003 20:21:09 -0500
From: jwatkins@birch.net
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154398] QRO Contest and QRP
Message-ID: <1058404869.3f15fa05b7ec8@webmail.birch.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

All,

Past weekend I just had to find out if I could play in a QRO contest. So I had an hour to play in the IARU Saturday.

I listened on 20 meters and the ops were only making stateside q's. So from my central location in the midwest I thought it would be a good time to play. I would be dealing with single hop 20 meter contacts, a real advantage for QRP.

I set the K2 at 1/10 watt and called strong signals that were not getting takers. Eighty percent of my calls were copied perfect first time. What a hoot. I am now only 7 states away from W.A.S. QRPP.

Guess those QRO guys have as gud ears as us QRP fellows. I never signed /qrp, just threw out my call one time.

Great time, 73 John N0EVH

Date: Wed, 16 Jul 2003 21:59:40 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [154399] NEQRP CW Net, Thursday, 17 July 2003, 08:30 PM EDT, 3.566 MHz
Message-ID: <3F16030C.9010804@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 17 July 2003, at 8:30 PM EDT (00:30Z, 18 July 03) on or near 3.566 MHz [NOTE CHANGE IN FREQUENCY]. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Because of repeated QRM on 3.565 MHz from another net/group that meets every week at 9:00 PM (who seem to know we're there, but ignore that fact), we will change our weekly net frequency to 3.566 MHz.

Control operator for last week's net was John, WB1HBE, operating from Chelmsford, MA. With lots of QRM after 9:00 PM, John reported the following check-ins:

N1VS	Vince	Winsted, CT	599
WA1JXR	Howard	Jamaica Plains, MA	599
K1CL	Chuck	Barton, VT	579
K8CV	Walt	MI	599
KD1YV	Jim	Bethel, CT	599
WA8BXN	Mike	nr Cleveland, OH	Lost to QRM
WB1HBE	John	Chelmsford, MA	net op

Thanks to everyone for QNI'ing and hope to hear you again this week.
Hope we'll find some relief from the QRM on 3.566.

72 DE K1CL,
Chuck

Date: Wed, 16 Jul 2003 22:24:44 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <hamjoel@juno.com>, <qrp-1@Lehigh.EDU>
Subject: [154400] Moxon Rectangle Antenna
Message-ID: <027d01c34c12\$f7e0c110\$4e100a0a@rohredt2000>

Joel,
The antenna is named the Moxon Rectangle because its principle of operation is for the two elements to be different sizes, one as director or reflector, one driven. You are stating, I think, you wanted the central elements to be the same length. Actually, it is not clear to me why you could not adjust the elements central portions to be equal length and just add in the remainder in the bent portion. I thought he already did have the center portions equal in length, so the bent ends could tie to each other thru a simple button as an insulator.

All the dimensions are shown in L. B. Cebik's pages I thought. He did

publish this antenna in QST as well, and maybe in QEX at one time; and the book from RSGB by Les Moxon has it as well with the derivation from the VK2ABQ antenna. A google search on Moxon, VK2ABQ antenna etc. should give you extra info.

Built as shown by Cebik it is an optimized and very effective small beam with better front to back than many larger.

GL and 72,

Stuart

K5KVH

Date: Wed, 16 Jul 2003 22:41:05 -0500
From: "Dan Reynolds" <bcdlr@insightbb.com>
To: "qrp-L Reflector \ (qrp-L Reflector\)" <qrp-l@lehigh.edu>
Subject: [154401] FS: Yaesu VX-1R
Message-ID: <001001c34c15\$40665ba0\$350da8c0@c1641599a>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

VX-1R dual band & wideband receiver/scanner handheld in great condition. Li 750 mAh battery, AC adapter, and manual. Will throw in (2) four conductor plugs to make a data cable and audio cable; a copy of the programming software; and a dual band mag mount with SMA-BNC adapter.

This is a versatile radio, see:

<http://www.icongrp.com/~sllewd/vx1rmain.htm>

Will do cross band split, cell, free band, MARS/CAP. Has desirable A105 firmware. I hate to sell but need the money for car repairs.

Price is \$95 shipped and insured, OBO. Prefer PayPal.

Please email me.

Dan KB9JL0

Date: Wed, 16 Jul 2003 23:49:48 -0400
From: "Lee Mairs" <lmairs@direcway.com>
To: <w5jh@swlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154402] Re: Class-E Transmitter and Case
Message-ID: <070501c34c16\$787ceb70\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Do you guys have a Paypal account we can use to purchase the kits?
73 de Lee. km4yy/8

----- Original Message -----

From: <w5jh@swlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, July 16, 2003 7:05 PM

Subject: Class-E Transmitter and Case

> Hello All,

> As Bob Hightower, NK7M, announced earlier, the Arizona ScQRPions have a new Class-E transmitter kit. This kit is a high efficiency, 3-4 watt, VXO controlled transmitter with QSK and a mute switch that can be built for either 40, 30, or 20 meters (you specify which band you want when ordering). Each band uses the same board layout and the majority of the parts are the same. The design is universal with the schematic being the same for each band, only a few parts change. This makes it easy to build and trouble shoot. In comparing two transmitters side by side, you cannot tell which band they are built for until you look at the crystal! The kit is supplied with an etched PCB, all board parts, and instructions. You provide a case, a knob, a DPDT switch and connectors. BTW, there is a separate case/knob/switch/connector kit available if you don't have or prefer not to purchase these item separately. Colorful front and rear panel overlays are also provided with the ca!

> se kit. A completed transmitter and optional case kit can be seen at <<http://www.swlink.net/~w5jh/azsx303e.htm>>. If you have been wanting to experiment with Class-E transmitters, this kit makes a very nice platform for doing just that. The kit is easy to build and takes about 3-4 hours of FUN time. This transmitter makes an ideal companion to your new SW receiver or old tube receiver (Hammarlunds, Halicrafters, RME, etc.). The kits will start shipping the week of July 27, just after Ft Tuthill. The transmitter kit sells for \$20 (USA shipping included), Canadians please add \$2 for the extra shipping. The Case kit is the exact same price. The transmitters are available from:

>

> Bob Hightower - NK7M

> 1905 Pennington Drive

> Chandler, AZ 85224

> nk7m@extremezone.net

>

> Please specify which band (40-30-20 meters) you want.

>

> The case kit can be ordered from me:

>

> Jerry Haigwood - W5JH
> 6926 W Charter Oak Rd
> Peoria, AZ 85381
> w5jh@arrl.net
>
> All the profit from the sale of these kits go toward sponsoring the QRP
gathering at Ft Tuthill each year.
>
> Jerry W5JH
>
>
>

Date: Wed, 16 Jul 2003 23:24:10 -0500
From: "Jay Bromley" <jayw5jay@cox-internet.com>
To: <qrp-1@Lehigh.EDU>, <4sqrp@mailman.qth.net>
Cc: "Trevor Jacobs" <kg6cyn@softhome.net>, <nkennedy@tcainternet.com>
Subject: [154403] DDS Kit announcement
Message-ID: <008601c34c1b\$456e7280\$fad24c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
Several months back and right before ArkieCon, Trevor Jacobs donated parts
to kit up 150 of his DDS experimenter's kits to the Fort Smith QRP Group.
So now here it is July and I need to get cook-in on this.

So as my dear friend Doug would say "Here's the Deal". First off let me say
this is NOT a beginners kit. This kit is for the advance builder that is
willing to go the extra mile to complete it. I don't want to scare anyone
off, but I also want to be up front as this is not a complete kit, nor is it
a HeathKit like assembly. But if you are willing to take the plunge you
will end up with a first rate DDS signal generator! Looking at the links
below should determined if you are ready to tackle this yet.

The kit contains two high quality plated through boards and a PIC chip
programmed by Mr. Trevor himself. The rest of the parts (including the DDS
chip) are provided by you (the builder). The DDS chips are usually given
away as samples for the asking. All the information and the rest of the
parts needed are listed on Trevor's web-page at:
http://www.qsl.net/kg6cyn/DDS_Project.htm A lot of the required parts are
probably already in your well stocked junk box. Trevor's web site will be
the manual for the kit. So you will have to have access to a computer. You

can also see what the completed DDS signal generator at Trev's site

The kit has been built by QRP-L's Nick Kennedy, who also has an article "I saw the light: Getting religion on SMT." on page four in this months Bacon Bits. To see the Bacon Bits article go to Flying Pigs QRP Web site at: <http://www.fpqrp.com/BB0703.PDF>

Don Jackson from the 4SQRp group has also built one of Trevor's DDS kits. I saw Don't kit while I was attending the 4SQRp's forum up at the Lebanon, Mo. hamfest. Don did a great job. So there are three very fine QRPers to get building advice from. I am sure there are many more around on QRP-L.

This kit will be a limited run of 150 kits. The kit will cost \$25 each and that includes shipping/handling via priority mail here in the States. Be sure to make your check out to me "Jay Bromley and please mail it to my Callbook address below. Oh, please include a shipping label if you have one. This is not requirement but helps me out greatly get the kits out faster. Please reserve your kit by sending me an email to w5jay@alltel.net and I will send you back a confirmation number so I don't over sell the kits. First come first served, so don't delay. This is a great project for those needing a high quality signal generator for their work bench and would also make a great VFO for that classy QRP rig or that vintage glow bug rig with a suitable buffer amp.

Thank you and 73 de jay..

Jay Bromley W5JAY
9505 Bryn Mawr Circle
Fort Smith, AR. 72908-9276

Date: Wed, 16 Jul 2003 21:59:49 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Jay Bromley" <jayw5jay@cox-internet.com>, qrp-l@lehigh.edu,
4sqrp@mailman.qth.net
Cc: nkennedy@tcainternet.com
Subject: [154404] Re: DDS Kit announcement
Message-ID: <007e01c34c20\$417d48e0\$33bcb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Thanks for the announcement Jay, and if anyone needs to get in touch

with me for help with the PCB/Atmel CPU kit they can get in touch with me at this e-mail address: kg6cyn@softhome.net The schematics and other info can be found on my web page at:
http://www.qsl.net/kg6cyn/DDS_Project.htm . This is the same kit sold this Winter except for a few changes in software. The latest software is on the web site. This will be the last run of PCB's for this kit from me. It's been a fun project, but new projects are on the horizon...Take care...

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Jay Bromley <jayw5jay@cox-internet.com>
To: <qrp-l@Lehigh.EDU>; <4sqrp@mailman.qth.net>
Cc: Trevor Jacobs <kg6cyn@softhome.net>; <nkennedy@tcainternet.com>
Sent: Wednesday, July 16, 2003 9:24 PM
Subject: DDS Kit announcement

> Gang,
> Several months back and right before ArkieCon, Trevor Jacobs donated parts
> to kit up 150 of his DDS experimenter's kits to the Fort Smith QRP Group.
> So now here it is July and I need to get cook-in on this.
>
> So as my dear friend Doug would say "Here's the Deal". First off let me say
> this is NOT a beginners kit. This kit is for the advance builder that is
> willing to go the extra mile to complete it. I don't want to scare anyone
> off, but I also want to be up front as this is not a complete kit, nor is it
> a HeathKit like assembly. But if you are willing to take the plunge you
> will end up with a first rate DDS signal generator! Looking at the links
> below should determined if you are ready to tackle this yet.
>
> The kit contains two high quality plated through boards and a PIC chip
> programmed by Mr. Trevor himself. The rest of the parts (including the DDS
> chip) are provided by you (the builder). The DDS chips are usually given
> away as samples for the asking. All the information and the rest of the

> parts needed are listed on Trevor's web-page at:
> http://www.qsl.net/kg6cyn/DDS_Project.htm A lot of the required parts
are
> probably already in your well stocked junk box. Trevor's web site
will be
> the manual for the kit. So you will have to have access to a
computer. You
> can also see what the completed DDS signal generator at Trev's site
>
> The kit has been built by QRP-L's Nick Kennedy, who also has an
article "I
> saw the light: Getting religion on SMT." on page four in this months
Bacon
> Bits. To see the Bacon Bits article go to Flying Pigs QRP Web site
at:
> <http://www.fpqrp.com/BB0703.PDF>
> Don Jackson from the 4SQR group has also built one of Trevor's DDS
kits. I
> saw Don't kit while I was attending the 4SQR's forum up at the
Lebanon, Mo.
> hamfest. Don did a great job. So there are three very fine QRPers to
get
> building advice from. I am sure there are many more around on QRP-L.
>
> This kit will be a limited run of 150 kits. The kit will cost \$25
each and
> that includes shipping/handling via priority mail here in the States.
Be
> sure to make your check out to me "Jay Bromley and please mail it to
my
> Callbook address below. Oh, please include a shipping label if you
have
> one. This is not requirement but helps me out greatly get the kits
out
> faster. Please reserve your kit by sending me an email to
w5jay@alltel.net
> and I will send you back a confirmation number so I don't over sell
the
> kits. First come first served, so don't delay. This is a great
project for
> those needing a high quality signal generator for their work bench and
would
> also make a great VFO for that classy QRP rig or that vintage glow bug
rig
> with a suitable buffer amp.
>
> Thank you and 73 de jay..
>

> Jay Bromley W5JAY
> 9505 Bryn Mawr Circle
> Fort Smith, AR. 72908-9276
>
>

Date: Thu, 17 Jul 2003 06:59:48 -0400
From: "John Huffman" <hjohnc@core.com>
To: <adventureradiosociety-announcements@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154405] Flight of the Bumblebees - July 27
Message-ID: <00a101c34c52\$8c551000\$5f075dd8@jhuffman1t>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

July 27th, it's just a week from this Sunday until the 2003 edition of the Flight of the Bumblebees. This is a four hour event. It runs from 10:00 PDT/11:00 MDT/12:00 CDT/1:00 EDT to 2:00 PDT/3:00 MDT/4:00 CDT/5:00 EDT. That's 1700 to 2100 UTC.

This annual contest is for home stations and portable stations. The portables are Bees and send their Bee number as part of the exchange. Scoring is contacts multiplied by the number of Bees you work times three.

The be a Bee you need to hike, bike, or paddle to your site. You also need a Bee number. To get a number, just respond to this email with a Bee request. You may receive a Bee number at any time up to two days before the contest.

Here's the details:
http://69.5.23.180/ars/pages/bumblebees/bb_rules.html

Here's the numbers assigned so far:
http://69.5.23.180/ars/pages/bumblebees/2003bb_roster.html

Here's the autolog for reporting your score:
http://69.5.23.180/ars/bb_log.html

Here's the Bumblebee archive from past years to inspire you:
http://69.5.23.180/ars/pages/bumblebees/bb_archives.html

Bee there or Bee square....

73 de NA8M
John
Contest Manager
Adventure Radio Society

Date: Wed, 16 Jul 2003 21:11:11 -0500
From: mark.milburn@juno.com
To: qrp-1@lehigh.edu
Subject: [154406] The Iowa QRP Club CW Net
Message-ID: <20030717.062302.-684697.0.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, the Wednesday Night Curse didn't leave us entirely, but it was weakened tonight. The band was long, the ssb signals on frequency were very loud, and threatening thunder kept moving closer as the net time progressed, but we still did pretty well.

Net participants were...

KQ0I Mark Des Moines

W8DIZ Diz Cincinnati, OH Always good to see some of the
Flying Pigs guys drop by, and a good chance to pick up FP#1 from
Diz.

WA8BXN Mike Cleveland, OH Great to hear you, Mike. Could
hardly hear you when you checked in, but signals got better when I got
back to you for comments, and it was a good exchange.

K8CV Walt Royal Oak, MI whacking away with his K2 and
dipole. Great signal and great keying, Walt. Thanks for coming by.

W5USM Bill Texas If I keep calling him Fred, he
probably will give up on us, so I'm going to work on my memory course
this week. Come back next week and see how I do, Bill.

AF4PS Mac Florida Good to hear Mac again, it's been a
while since I used to hear him in the FP nets. Come back again,
Mac...we'll try to have better conditions. Another FP # from Mac...this
could work out pretty good for me...hi. I'm afraid to ask what the prize
is, guys.

NQWA Dennis Des Moines Working Dennis on ground wave

on 40 meters while the band is like this is a real treat. Hang on, Dennis, Daylight Savings Time won't last forever, and then we'll switch back to 75 meters. Then it will probably be just you and me.

So, that was the hardy bunch for this week. Many thanks to all of you for stopping by and keeping the net alive. We'll try it again next week, same time, same place. Come back and bring a friend.

72 Mark KQ0I
Des Moines, Iowa

Date: Thu, 17 Jul 2003 07:50:49 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154407] Re: IC-703 final amp failure advisory...NOTE:...hearsay only at this point...
Message-ID: <3F168D99.8234BFD8@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Bill,

Do folks mention serial numbers of radios that it happened to? Perhaps it a certain production run that has some issues.

Please keep sharing your experiences with your 703. I enjoy reading them and appreciate it.

73,
--Alex KR1ST

"Bill, N4QA" wrote:

>

> Lest someone should buy an Icom IC-703 based on one of my glowing reviews of
> the rig and then become angry with me...

Date: Thu, 17 Jul 2003 08:13:30 -0400
From: "Maxime Prati" <ve2hac@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154408] FS : DSP starter kit tms320c5x

Message-ID: <Law15-DAV16TV0X8ua50000b826@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For sale :

DSP starter kit tms320c5x

I have a TI 320C5x DSK (DSP Starter Kits) for sale. The TI
part number is TMDS3200051.

These kits are designed for students, experimenters, and developers who
need a simple, low-cost way to prototype DSP-based applications for
the TI 320C5x series of DSP chips. The kit includes a small (2.5" x 4")
PC board with a TMS320C50 processor, a TI Analog Interface Circuit
(AIC) chip with 14-bit A/D and D/A capable of sample rates to 19.2 K
samples/sec, RCA jacks for analog I/O, and a 9-pin RS-232 host
interface. The kit also includes a simple assembler, loader and
debugger for the PC.

The latest versions of the software as well as several user-written demo
programs can be downloaded from TI. The URL is:

<ftp://ftp.ti.com/mirrors/tms320bbs/c5xdskfiles/>

The board requires a 9 volt *AC* power supply capable of >250 ma. A 9
VAC 780 ma supply with the right plug is available for \$8.99 from Radio
Shack (Part # 273-1630).

TI sells these through distributors for \$99, and purchasing them singly
from distributors can be a hassle. I'll sell it for \$60 each shipped
within the US.

72 es take care
Max

Date: Thu, 17 Jul 2003 08:22:55 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [154409] Re: DigiPan with PSK63
Message-ID: <3F16951F.599B9A34@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Awesome, Skip!

I see it also receives Pactor-I now, which is really great. I often resorted to other software in order to identify the station who killed yet another great DX contact for me.

I haven't made too many contacts with PSK63 yet, but indeed it seems to do pretty at QRP levels.

Just received my card from FR5HA this week. 1922 miles per Watt on PSK31.

73,
--Alex KR1ST

Howard Teller wrote:

>
> DigiPan 1.7 with PSK63 and CI-V frequency control of ICOM transceivers is now available for downloading at <http://www.digipan.net> . PSK63 is a very fast digital mode (100 wpm) and works well at QRP power levels.
>
> Skip KH6TY

Date: Thu, 17 Jul 2003 08:41:02 -0400
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [154410] TenTec Omni 546, series C, HF xcvr, and accessories FS
Message-ID: <CJENLDMADFCJIFBODNPGCEPHCOAA.W8EK@fdt.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

TenTec 546 Omni D, series C, HF CW / SSB xcvr.
All solid state, with up to 100 W output. The ALC can also be turned back with a front panel control for QRP operation. Covers 160 through 10 meters, including the WARC bands. Full QSK on CW, and a fantastic receiver. Terrific audio quality on SSB also. Built in audio CW filter. Digital read out. This one is in very nice shape, with manual for \$375.

TenTec 255 Deluxe Power Supply

Matches the early Omni series, and includes ammeter and speaker, and trim ring. Dual pass transistors similar to the heavy duty 280 power supply. Good for 20 amps at 13 V DC. This one looks very nice, and works 100%. With manual for \$ 125.

TenTec 219 CW filter.
250 Hz, for the 9 MHz IF. Will work in the Omni 546, the newer Omnis in the 9 MHz IF, and in the Argonaut. Like new, with all of the paper work for \$69.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@arrl.net
Voice Phone (352) 732-8400

Date: Thu, 17 Jul 2003 08:48:55 -0400
From: "Jim Kelley" <nw611j@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [154411] FS: Small Wonder Labs PSK-20
Message-ID: <Law15-F32JVmjuh3liW0001b835@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

QRP-L Group: I have a Small Wonder Labs PSK-20 that I Don't Have the time to invest to get it working so I would like to sell it. The unit is wired, partially tested, and is in the nice case supplied by "SWL." My price for the PSK-20 is \$125.00 OBO Counting what I paid to get the kit wired I have over \$175.00 invested in this unit.

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Thu, 17 Jul 2003 05:51:27 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: rohre@arlut.utexas.edu,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154412] Re: Moxon Rectangle Antenna
Message-ID: <20030717125127.12542.qmail@web41005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Stuart Rohre <rohre@arlut.utexas.edu> wrote:
> Joel,
> The antenna is named the Moxon Rectangle because its
> principle of operation
> is for the two elements to be different sizes, one
> as director or reflector,
> one driven.

Actually, Joel, the antenna is named the Moxon
Rectangle because it was first described by Les Moxon,
G6XN. Doesn't that make more sense?

oo,

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS #1301 - QRParci #11147 - FISTS #8774
FPQRP #476 - QRP-L #2415 - SOC #530
Fun = Skill / Power !

Do you Yahoo!?
SBC Yahoo! DSL - Now only \$29.95 per month!
<http://sbc.yahoo.com>

Date: Thu, 17 Jul 2003 07:09:15 -0600
From: "Paul Ermisch" <paul@ermisch.com>
To: "Qrp-List" <qrp-l@Lehigh.EDU>
Subject: [154413] Parts doc site

Message-ID: <NHBBIMAFPBCKANGJGAPDCEIHCDAA.paul@ermisch.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I haven't seen this posted before so excuse me if someone has done so already. My favorite hamfest activity is to scrounge through junk/surplus parts and I recently purchased a handful of interesting-looking transistors and 100-or-so 1N4148's for a buck. While researching the transistors, I came across this site:

www.chipdocs.com

I was able to identify 2 out of three of the transistors (FETs, not sure if I can use them but they were really cheap). They require a paid membership to download datasheets but the 'part number search' at least gives you a basic description of the part and the name of the manufacturer. You can often find the datasheet for free from the manufacturer as well.

Paul KB0LUR

Date: Thu, 17 Jul 2003 13:11:14 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [154414] thanks
Message-ID: <20030717.061125.16315.852337@webmail02.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

High y'all

Yea Martha its me again...
thanks to the many who sent in info,, even a program to figure the dimensions....
ah is glad ah asked.... thanks joel

KE1LA JOEL
IN MAINE
FREEZIN

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Thu, 17 Jul 2003 08:11:39 -0500
From: "Brockwell, Stephen E. CECOM SEC FSSE GPI"
 <steve.brockwell@us.army.mil>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [154415] OKC Hamfest 'HAM HOLIDAY'
Message-ID: <03Jul17.080608cdt.115230@bc143956.fssec.army.mil>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Howdy folks.

Just wanted to put in a plug for the Oklahoma City Hamfest known as "HAM HOLIDAY". It will be this weekend 18-19 July in the 'Made in Oklahoma' building at the state fairgrounds in OKC. Admission is \$7 in advance and \$10 at the door (if my memory is right). I found the website a couple of days ago but can't find it now. I haven't been able to go for a while but this weekend I'll be there. It may not be a really big hamfest but you meet quite a few great folks there. (Besides it gives me another boost in my posterior to get decent with CW)

OBQRP: The first time I went, after getting out of my little pickup and seeing a forest of mobile antennas of every type in the parking lot, I spied a young man (20 or so years old) carrying a Heath HW-8. Said he was looking for a main tuning knob for his dad's rig and got the HW8 for \$25. Then after going inside I saw Cliff (AB5UA ?) with an Altoids 49er, and a TE-NE-KEYER and saw a 1929 Hartley transmitter.

Steve KC5TTY
Elgin, OK
..... where the wind comes sweeping round the plains

Date: Wed, 16 Jul 2003 22:52:35 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-1@lehigh.edu
Subject: [154416] New Ham
Message-ID: <5.1.0.14.0.20030716224202.01ce1480@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

In late May I went out and picked up a screened room for use at field day. When my 13 yr old daughter saw she reminded me that she wanted to camp over again this year. So I said you, but you need to study to take the ham test. So she agreed, and has spent the last six weeks reading,

studying, and taking the on line tests. Finally, last Saturday I took her up to take the test and she passed on the first try. Then yesterday her new call sign arrived - KB3KAN - and I put her on the local 2-meter net last night to announce to the club that she now had her ticked.

She is already planning her ham station, and has told me now I need to buy a new rig. She was looking up QSL cards on the Internet, and telling me she want me to get her one of those ARRL log book and some map as she plans to work all the counties, just like her dad. She is even thinking of studying for the general this summer - after a short break.

So she has the enthusiasm, now I just have to keep it going. I can still remember several years ago when she would ride in the car with me and say daddy "do the WD3P thing." I would trough out my call on the local repeater and if no one answered she would tell me to do it again.

A fun weekend.

A proud daughter and dad.....73 de Larry.....WD3P in MD
<http://www.wd3p.net/>

Date: Thu, 17 Jul 2003 09:50:09 -0400
From: "Lee Mairs" <lmairs@direcway.com>
To: "qrpl" <qrpl@Lehigh.EDU>
Subject: [154417] Polycon variable capacitor source?
Message-ID: <079b01c34c6a\$56911960\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Who is selling the small dual section 330pf variable capacitors such as those used in the Emtech ZM2 tuner and the NorCal BLT tuner kit? I bought one, but the darn thing had a leg broken off internally that I didn't notice until I got set to use it.

73 de Lee
km4yy/8

Date: Thu, 17 Jul 2003 09:53:39 -0500
From: w9ya <w9ya@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154418] 817 for sale
Message-ID: <200307170953.39617.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Hello gang;

Um, this email is not deja-vu per say, but about a week ago I offered up an 817 here, things didn't work out, and I need to offer it up again.

The deal is; I will sell it for \$ 450 but YOU pay the shipping and insurance. (Shouldn't be much at all anyways.)

Units on e-pay going for \$ 450 or more do NOT have the cw filter, so I think this is reasonable. I really don't want to bother with the hassle of listing this elsewhere as getting rid of this radio is a favor for an ailing fellow ham. I am not making anything off of this sale or taking any commission.

Here's the original posting from last week.

Hey there;

I have a friends' 817 for sale with the inrad-collins 300hz cw filter installed. Used only for two days. Once when new (a couple of years ago) and then again over fd weekend for a few contacts.. It is in fine shape, with a few minor scratches on one side towards the back. Functionally it is as it was originally purchased.

It comes with the mic, manual, schematic, pocket reference manual and two "vadem style" cheat-sheets. The strap itself is also there but missing the length adjuster and end hold down on one side only, but I am sure a local camping or cloth-craft shop has something appropriate for replacements.

I also dug up the original 2 piece 6 meter bnc antenna, and the original power cord, which was modified with an inline fuse and reverse polarity protection diode.

My friend is older and has a debilitating condition. He was looking forward to selling this and his recently acquired smaller pacomm (40/20m) rig to help finance a k2 purchase. I will be handling the sales for him.

Bob Finch
w9ya

p.s. The pacomm is quite new, looks like it, and has maybe been used twice also. Comes complete as far as I can tell.

Date: Thu, 17 Jul 2003 08:34:05 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: a low-energy group <qrp-l@lehigh.edu>
Cc: "Li'l Piggies" <fpqrp-l@mpna.com>
Subject: [154419] FOX preview
Message-ID: <20030717153405.34520.qmail@web41001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Larry, N2WW, and I will be your Foxii this Sunday.
One of us will be found below 14.060, one above. See
the rules at: <http://www.cqc.org/fox/index.htm> .

Come play!!

=====
73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS #1301 - QRParci #11147 - FISTS #8774
FPQRP #476 - QRP-L #2415 - SOC #530
Fun = Skill / Power !

Do you Yahoo!?
SBC Yahoo! DSL - Now only \$29.95 per month!
<http://sbc.yahoo.com>

Date: Thu, 17 Jul 2003 11:35:44 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154420] Re: Little Kids Want to Build Too - An idea
Message-ID: <3F16C250.9C23F405@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"James P. Osburn, P.E." wrote (on 4 Nov 2002):

> Little kids want to build stuff too.

These kids are getting ready to build a kit at a field day site in the Netherlands (2003):

<http://www.homepages.hetnet.nl/~vpk/pics/jnh0042.jpg>

In action:

<http://www.homepages.hetnet.nl/~vpk/pics/hm126.jpg>

Some need some extra help holding the iron:

<http://www.homepages.hetnet.nl/~vpk/pics/hm128.jpg>

I wonder if it would be feasible to do something similar for Field Day here in the U.S., too. Perhaps a simple official Field Day Kit could be selected every year and be made available for clubs to purchase at a reasonable price in order to help facilitate such a Field Day Kit building event. From the pictures it looks like a fun event. And just like you get bonus points for certain demonstration modes, perhaps bonus points could be offered for organizing a Field Day site kit building event.

I remember that my interest in electronics started when my brother in law showed me how to build some electronic gadget. Before that, I was never exposed to it and probably would never have done anything in electronics, and perhaps not even in hamradio, if it weren't for that first sniff or rosin.

Just an idea...

73,
--Alex KR1ST

Date: Thu, 17 Jul 2003 11:58:16 -0400
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [154421] Speedex straight key FS
Message-ID: <CJENLDMADFCJIFBODNPGCEAICPAA.W8EK@fdt.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

CW key For Sale:

Speedex straight key
Black oval base. Of course it has all of the
normal adjustments for spacing, tension, etc.
This one is on a nice base made from maple
wood and is in very nice condition. \$40 plus
shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@fdt.net or W8EK@arrl.net
Voice Phone (352) 732-8400

Date: Thu, 17 Jul 2003 12:38:26 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154422] Computer Headset Interface for Icom IC-718
Message-ID: <3F16D102.1C25CD9F@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

I just put a page on my web site that describes how I hooked up a \$20
computer headset (with noise canceling mic element) and a \$5 Radioshack
foot switch to my Icom IC-718 rig:

<http://www.kr1st.com>

With some minor modifications you could probably use the same method for
other rigs. Perhaps you don't even need the pre-amp. The page contains a
schematic in PDF format and pictures.

73,
--Alex KR1ST

Date: Thu, 17 Jul 2003 12:07:14 -0500

From: "Jay Bromley" <jayw5jay@cox-internet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [154423] Re: DDS Kit announcement
Message-ID: <000b01c34c85\$de8ab720\$fad24c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,
I just got home from work to have some lunch. Briefly looking at my email box the response on the Experimenter's DDS kit has been super. I will waddle through all the emails and reply with confirmation numbers to night when I get home from work. Thank you for your patience!

73 de jay..

Original posts:

>Gang,
Several months back and right before ArkieCon, Trevor Jacobs donated parts to kit up 150 of his DDS experimenter's kits to the Fort Smith QRP Group. So now here it is July and I need to get cook-in on this.

So as my dear friend Doug would say "Here's the Deal". First off let me say this is NOT a beginners kit. This kit is for the advance builder that is willing to go the extra mile to complete it. I don't want to scare anyone off, but I also want to be up front as this is not a complete kit, nor is it a HeathKit like assembly. But if you are willing to take the plunge you will end up with a first rate DDS signal generator! Looking at the links below should determined if you are ready to tackle this yet.

The kit contains two high quality plated through boards and a PIC chip programmed by Mr. Trevor himself. The rest of the parts (including the DDS chip) are provided by you (the builder). The DDS chips are usually given away as samples for the asking. All the information and the rest of the parts needed are listed on Trevor's web-page at:
http://www.qsl.net/kg6cyn/DDS_Project.htm A lot of the required parts are probably already in your well stocked junk box. Trevor's web site will be the manual for the kit. So you will have to have access to a computer. You can also see what the completed DDS signal generator at Trev's site

The kit has been built by QRP-L's Nick Kennedy, who also has an article "I saw the light: Getting religion on SMT." on page four in this months Bacon Bits. To see the Bacon Bits article go to Flying Pigs QRP Web site at:
<http://www.fpqrp.com/BB0703.PDF>
Don Jackson from the 4SQRP group has also built one of Trevor's DDS kits. I saw Don't kit while I was attending the 4SQRP's forum up at the Lebanon, Mo. hamfest. Don did a great job. So there are three very fine QRPers to get

building advice from. I am sure there are many more around on QRP-L.

This kit will be a limited run of 150 kits. The kit will cost \$25 each and that includes shipping/handling via priority mail here in the States. Be sure to make your check out to me "Jay Bromley and please mail it to my Callbook address below. Oh, please include a shipping label if you have one. This is not requirement but helps me out greatly get the kits out faster. Please reserve your kit by sending me an email to w5jay@alltel.net and I will send you back a confirmation number so I don't over sell the kits. First come first served, so don't delay. This is a great project for those needing a high quality signal generator for their work bench and would also make a great VFO for that classy QRP rig or that vintage glow bug rig with a suitable buffer amp.

Thank you and 73 de jay..

Jay Bromley W5JAY
9505 Bryn Mawr Circle
Fort Smith, AR. 72908-9276

Date: Thu, 17 Jul 2003 13:11:49 -0400
From: "John" <jdorson@worldshare.net>
To: <lejek@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154424] Re: New Ham
Message-ID: <004001c34c86\$87201060\$79998b41@ATHOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A big congratulations to your daughter.

----- Original Message -----

From: "Larry Cahoon" <lejek@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, July 16, 2003 6:52 PM
Subject: New Ham

> In late May I went out and picked up a screened room for use at field
> day. When my 13 yr old daughter saw she reminded me that she wanted to

> camp over again this year. So I said you, but you need to study to take
> the ham test. So she agreed, and has spent the last six weeks reading,
> studying, and taking the on line tests. Finally, last Saturday I took her
> up to take the test and she passed on the first try. Then yesterday her
> new call sign arrived - KB3KAN - and I put her on the local 2-meter net
> last night to announce to the club that she now had her ticket.
>
> She is already planning her ham station, and has told me now I need to buy
> a new rig. She was looking up QSL cards on the Internet, and telling me
> she want me to get her one of those ARRL log book and some map as she
plans
> to work all the counties, just like her dad. She is even thinking of
> studying for the general this summer - after a short break.
>
> So she has the enthusiasm, now I just have to keep it going. I can still
> remember several years ago when she would ride in the car with me and say
> daddy "do the WD3P thing." I would trow out my call on the local
> repeater and if no one answered she would tell me to do it again.
>
> A fun weekend.
> A proud daughter and dad.....73 de Larry.....WD3P in MD
> <http://www.wd3p.net/>
>
>

Date: Thu, 17 Jul 2003 10:29:32 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <lmairs@direcway.com>
Cc: <qrp-1@lehigh.edu>
Subject: [154425] RE: Class-E Transmitter and Case
Message-ID: <001501c34c88\$fe2a15a0\$084998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

The kits won't be released until Tuthill, as we don't have all the
enclosures ready yet.=20

We dropped the PayPal account last year after some problems with it.
Since the PayPal scam has surfaced again, I don't want to get involved
with it, as it is tied to my bank account.

Bob NK7M

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Lee Mairs

Sent: Wednesday, July 16, 2003 8:50 PM

To: Low Power Amateur Radio Discussion

Subject: Re: Class-E Transmitter and Case

Do you guys have a Paypal account we can use to purchase the kits? 73 de Lee. km4yy/8

----- Original Message -----=20

From: <w5jh@swlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, July 16, 2003 7:05 PM

Subject: Class-E Transmitter and Case

> Hello All,

> As Bob Hightower, NK7M, announced earlier, the Arizona ScQRPions=20
> have

a new Class-E transmitter kit. This kit is a high efficiency, 3-4 watt, VXO controlled transmitter with QSK and a mute switch that can be built for either 40, 30, or 20 meters (you specify which band you want when ordering). Each band uses the same board layout and the majority of the parts are the same. The design is universal with the schematic being the same for each band, only a few parts change. This makes it easy to build and trouble shoot. In comparing two transmitters side by side, you cannot tell which band they are built for until you look at the crystal! The kit is supplied with an etched PCB, all board parts, and instructions. You provide a case, a knob, a DPDT switch and connectors. BTW, there is a separate case/knob/switch/connector kit available if you don't have or prefer not to purchase these item separately. Colorful front and rear panel overlays are also provided with the ca!

> se kit. A completed transmitter and optional case kit can be seen at <<http://www.swlink.net/~w5jh/azsx303e.htm>>. If you have been wanting to experiment with Class-E transmitters, this kit makes a very nice platform for doing just that. The kit is easy to build and takes about 3-4 hours of FUN time. This transmitter makes an ideal companion to your new SW receiver or old tube receiver (Hammarlunds, Halicrafters, RME, etc.). The kits will start shipping the week of July 27, just after Ft Tuthill. The transmitter kit sells for \$20 (USA shipping included), Canadians please add \$2 for the extra shipping. The Case kit is the exact same price. The transmitters are available from:

>

> Bob Hightower - NK7M

> 1905 Pennington Drive

> Chandler, AZ 85224

> nk7m@extremezone.net
>
> Please specify which band (40-30-20 meters) you want.
>
> The case kit can be ordered from me:
>
> Jerry Haigwood - W5JH
> 6926 W Charter Oak Rd
> Peoria, AZ 85381
> w5jh@arrl.net
>
> All the profit from the sale of these kits go toward sponsoring the=20
> QRP
gathering at Ft Tuthill each year.
>
> Jerry W5JH
>
>
>

Date: Thu, 17 Jul 2003 12:56:39 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: lmairs@direcway.com, qrp-l@lehigh.edu
Subject: [154426] Re: Polycon variable capacitor source?
Message-ID: <3.0.2.32.20030717125639.0081bea0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Lee,

Emtech has them. Check out their order page.

<https://www.steadynet.com/catalog/default.php?cPath=25>

>Who is selling the small dual section 330pf variable capacitors such as
>those used in the Emtech ZM2 tuner and the NorCal BLT tuner kit? I bought
>one, but the darn thing had a leg broken off internally that I didn't notice
>until I got set to use it.
>73 de Lee
>km4yy/8
>
>
>
>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Thu, 17 Jul 2003 14:36:21 -0400
From: "gergea" <w4gfa@bellsouth.net>
To: <qrp-l@Lehigh.EDU>
Subject: [154427] Re: QRO Contest and QRP
Message-ID: <001401c34c92\$51b8af20\$5a4b9f44@z7r3k8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John,
Great going! Please tell us what antenna you were using with 1/10 of a watt
in the
IARU test?
Geo

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.501 / Virus Database: 299 - Release Date: 7/14/03

Date: Thu, 17 Jul 2003 14:08:48 -0500
From: "Burl A. Keeton" <n5duq@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [154428] RE: Correction
Message-ID: <20030717.140849.-704707.12.n5duq@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Better double check Bob Hightowers email address as written in the post
by W5JH. NK7M's email is 'com' not 'net'. I know as my bounced so I
looked Bob up on QRZ and found it. Sorry about that Jerry. Hi Hi.

Burl Keeton N5DUQ

Date: Thu, 17 Jul 2003 20:31:07 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [154429] Blackfin DSP kit
Message-ID: <Law15-DAV22JlfzsqZ80000c211@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Last month Arrow had a special offer on the new ADI Blackfin EZ-KIT Lite - only \$99/?99. I ordered one and it arrived yesterday.

It's very impressive - a 16-bit 600 MHz ADSP-BF533 DSP (dual MACs, ALUs and video ALUs) capable of up to 1200 MMACs, 32 MB SDRAM, 2 MB flash memory, a 96 kHz stereo audio codec and a video interface. Software supplied is the latest VisualDSP++ toolset, limited to 20k programs.

Although 16-bits isn't ideal for radio applications, this kit has some very interesting possibilities. For instance, the 96 kHz codec means that it should be able to do IF processing at 48 kHz.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Thu, 17 Jul 2003 16:52:20 -0400
From: "Noyce, Bill" <william.noyce@hp.com>
To: <qrp-1@Lehigh.EDU>
Subject: [154430] lossy insulation?
Message-ID:
<6D6463F31027B14FB3B1FB094F2C744703377E0C@tayexc17.americas.cpqcorp.net>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

For a portable 80 meter antenna, I've been using an end-fed halfwave made of speaker wire. It doesn't seem to work as well as my home antenna, which is also an EFHW at about the same height above ground, but made of different wire (also insulated). I'm wondering whether

the insulation on the speaker wire is absorbing my RF. How would I go about measuring that?

-- Bill, AB1AV

Date: Thu, 17 Jul 2003 14:31:01 -0700
From: "KD7SNX Rob. C" <kd7snx@earthlink.net>
To: "message post" <qrp-1@lehigh.edu>
Subject: [154431] weird meesage sent to me....(Good Day)
Message-ID: <001101c34caa\$b8d7fd60\$75f1b141@Cravers>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got this e-mail sent to me, I thought it was from the group. Or maybe it is? I do not know, anyway it said some weird thing about money, and Nigeria. Also it said it was from the son of the president of Nigeria I do not know! just wondering if any one got the same message?? If you did do you have an explanation?

73

Rob C.

KD7SNX

www.qsl.net/kd7snx

Date: Thu, 17 Jul 2003 14:45:23 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154432] "Sniffer" mods
Message-ID: <000501c34cac\$d6e873f0\$2d4dbad0@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Friends,

I was pretty far down on the Sniffer distribution list so didn't pay all that much attention to the comments and mods about this amazing little device. Well guess whet! My sniffer arrived in yesterday's mail and I am just about ready to heat up the soldering iron. However, I think I remember reading about builders who were making all sorts of changes, modifications and improvements to it. Are these posted anywhere?

=====

Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

End of QRP-L Digest 2984
